

MD 355 IS ASSUMED TO RUN  
IN A NORTH-SOUTH DIRECTION

#### GENERAL NOTES:

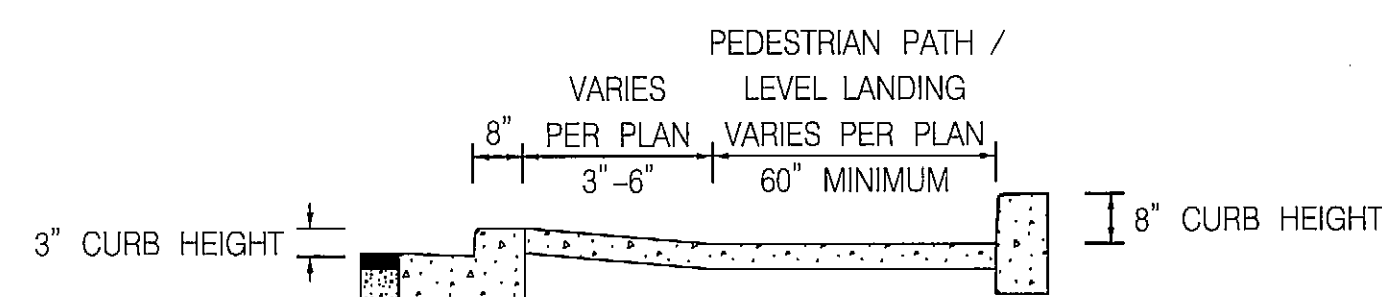
1. DETECTABLE WARNING SURFACE SHALL BE USED PER MD STD. 655.12 AND A MODIFIED TYPE "A" CURB SHALL BE INSTALLED ON THE BACK OF PROPOSED SIDEWALK IF GRADING IS REQUIRED.
2. PROPOSED SIGNAL EQUIPMENT SHALL BE INSTALLED PRIOR TO THE CONSTRUCTION OF THE SIDEWALK, DETECTABLE WARNING SURFACE AND PEDESTRIAN RAMPS.

#### CONSTRUCTION DETAILS

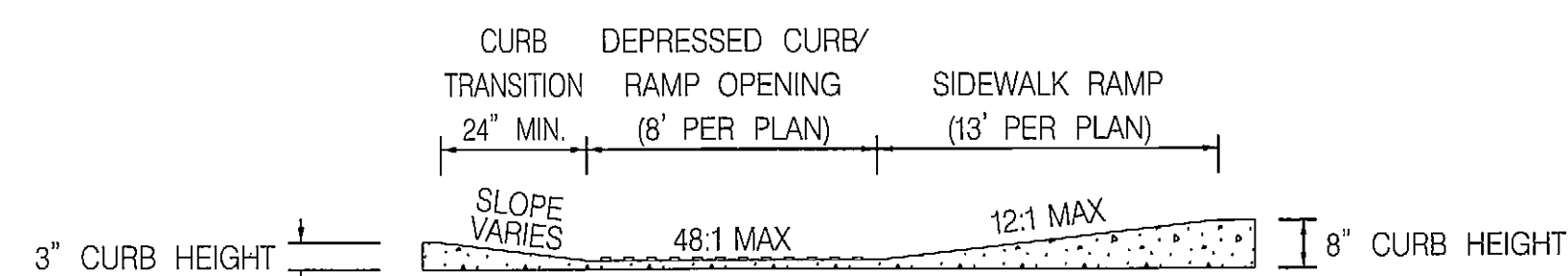
- A. REMOVE EXISTING CONCRETE SIDEWALK AND RAMP. INSTALL NEW RAMP IN ACCORDANCE WITH MD STD. 655.12 AND DETECTABLE WARNING SURFACE IN ACCORDANCE WITH MD STD. 655.40.
- B. REMOVE EXISTING CONCRETE SIDEWALK AND RAMP. INSTALL NEW RAMP IN ACCORDANCE WITH STANDARD NO. MD 655.11 AND DETECTABLE WARNING SURFACE IN ACCORDANCE WITH MD STD. 655.40.
- C. INSTALL NEW 5 INCH CONCRETE SIDEWALK. TIE INTO EXISTING GRADE.
- D. INSTALL MODIFIED TYPE "A" BACKER CURB 0 IN. - 8 IN.
- E. INSTALL CURB AND GUTTER 12 INCH GUTTER PAN 8 INCH DEPTH PER MD STD. 620.02.
- F. PULL BACK EXISTING MEDIAN NOSE FOR PROPOSED CROSSWALK. PROPOSED MEDIAN NOSE SHALL BE INSTALLED PER MD STD. 645.07. INSTALL 3 INCH GRADED AGGREGATE BASE COURSE AND 2 IN. TO 12 IN. CONCRETE.
- G. ADJUST MANHOLE TO GRADE WITH NEW FRAME AND COVER.
- H. REMOVE EXISTING CONCRETE SIDEWALK AND RAMP. INSTALL NEW RAMP (CENTERED ON PROPOSED CROSSWALKS) IN ACCORDANCE WITH MD STD. 655.22 AND DETECTABLE WARNING SURFACE IN ACCORDANCE WITH MD STD. 655.40.

#### APS PUSHBUTTON NOTES:

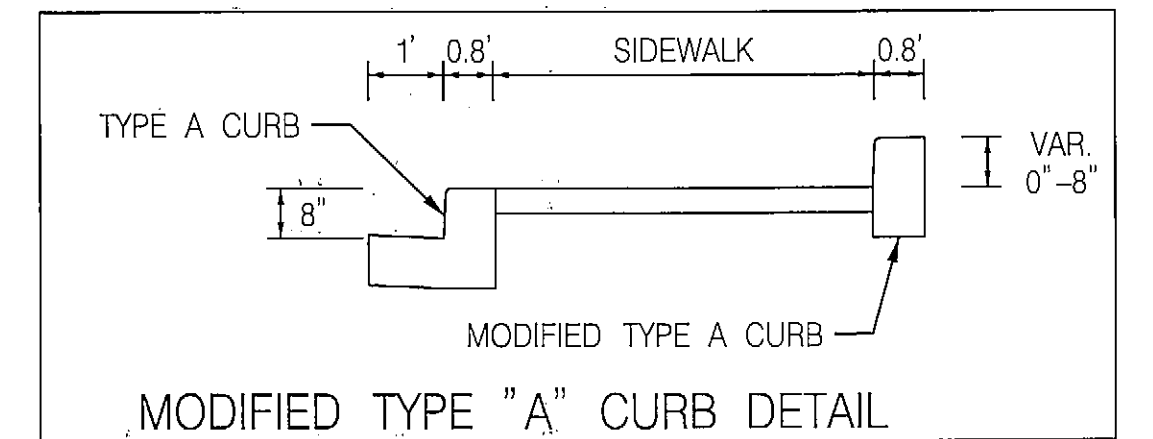
1. PUSHBUTTONS ARE TO BE LOCATED SO THAT THEY CAN BE ACTIVATED BY A PERSON IN A WHEELCHAIR REACHING LESS THAN 18" FROM A 60"x60" LEVEL LANDING AREA WITH A CROSS SLOPE OF LESS THAN OR EQUAL TO 2%.
2. THE 10" SEPARATION BETWEEN PUSHBUTTON IS TO BE MEASURED FROM FACE OF PUSHBUTTON TO FACE OF PUSHBUTTON, NOT CENTER TO CENTER OF POLE.
3. PUSHBUTTONS MUST MEET LOCATION REQUIREMENTS OF MUTCD SEC. 4E.08 AND 4E.10 AND FIG. 4E.3 AND 4E.4 AND NCHRP PUBLICATION, "ACCESSIBLE PEDESTRIAN SIGNAL: GUIDE TO BEST PRACTICE". IF NOT MET, THE CONTRACTOR IS TO STOP WORK ON THE PUSHBUTTON LOCATIONS UNTIL A DESIGN WAIVER IS OBTAINED, APPROVED BY THE DIRECTOR OF THE OFFICE OF TRAFFIC AND SAFETY.
4. PUSHBUTTON ARROWS ARE TO BE PARALLEL TO THE CROSSING FOR WHICH THEY ARE INTENDED.
5. SIGNAL POLES WITH PUSHBUTTONS MAY HAVE THE FOUNDATION INSTALLED AS PART OF THE CURB OR SIDEWALK AS DIRECTED BY THE ENGINEER.



SECTION A - A



SECTION B - B



#### LEGEND:

- PROPOSED 5" SIDEWALK
- PROPOSED DETECTABLE WARNING SURFACE
- CLASS 2 EXCAVATION WITH NEW CONCRETE AND CURB AND GUTTER

TOD NO: XY224-30  
SHA NO: MO145B5D  
MD 355 @ N. Washington Street

**SHA**

STATE OF MARYLAND  
DEPARTMENT OF TRANSPORTATION  
STATE HIGHWAY ADMINISTRATION  
OFFICE OF TRAFFIC & SAFETY  
TRAFFIC ENGINEERING DESIGN DIVISION

**HUNGERFORD DRIVE (MD 355) AND  
N. WASHINGTON STREET/GIANT FOODS DR**  
ROCKVILLE, MD

#### DIMENSION AND DETAIL SHEET

SCALE: 1" = 10' DATE: 06/12/2013 CONTRACT NO.: XY2245185

DESIGNED BY: J. SMITH COUNTY: MONTGOMERY  
DRAWN BY: J. SMITH LOGMILE: 15035510.00  
CHECKED BY: A. MORRIS TMS NO.: J380  
F.A.P. NO.: TOD NO.:

TS NO. 376 G DRAWING SG-02 OF 03 SHEET NO. 2 OF 3

PLOTTED: Monday, June 17, 2013 AT 08:08 AM  
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